

## PATENT COOPERATION TREATY

## PCT



## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

REC'D 10 SEP 2004

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Applicant's or agent's file reference PU020313		<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/PEA/416)	
International application No. PCT/US 03/19940	International filing date (day/month/year) 26.06.2003	Priority date (day/month/year) 27.06.2002	
International Patent Classification (IPC) or both national classification and IPC H04N5/14			
Applicant THOMSON LICENSING S.A. et al.			
<p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 5 sheets, including this cover sheet.</p> <p><input type="checkbox"/> This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of sheets.</p>			
<p>3. This report contains indications relating to the following items:</p> <p>I <input checked="" type="checkbox"/> Basis of the opinion</p> <p>II <input type="checkbox"/> Priority</p> <p>III <input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p>IV <input type="checkbox"/> Lack of unity of invention</p> <p>V <input checked="" type="checkbox"/> Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p>VI <input type="checkbox"/> Certain documents cited</p> <p>VII <input type="checkbox"/> Certain defects in the international application</p> <p>VIII <input type="checkbox"/> Certain observations on the international application</p>			
Date of submission of the demand  07.01.2004		Date of completion of this report  08.09.2004	
Name and mailing address of the International preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465		Authorized Officer  Brandenburg, J  Telephone No. +49 89 2399-8027 	

**INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT**

International application No. **PCT/US 03/19940**

**I. Basis of the report**

1. With regard to the **elements** of the international application (*Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)*):

**Description, Pages**

1-13 as originally filed

**Claims, Numbers**

1-19 as originally filed

**Drawings, Sheets**

1/4-4/4 as originally filed

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- ☐ the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

- ☐ the description, pages:
- ☐ the claims, Nos.:
- ☐ the drawings, sheets:

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5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)).

*(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)*

6. Additional observations, if necessary:

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

1. Statement

Novelty (N)	Yes: Claims	
	No: Claims	1
Inventive step (IS)	Yes: Claims	
	No: Claims	2-19
Industrial applicability (IA)	Yes: Claims	1-19
	No: Claims	

2. Citations and explanations

**see separate sheet**

**Re Item V**

**Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

1. Reference is made to the following documents:

- D1: US-B1-6 411 334 (YU MENG-DAY ET AL) 25 June 2002 (2002-06-25)
- D2: EP-A-0 444 368 (TEXAS INSTRUMENTS FRANCE ;TEXAS INSTRUMENTS INC (US)) 4 September 1991 (1991-09-04)
- D3: US-B1-6 313 882 (LIMBERG ALLEN LEROY ET AL) 6 November 2001 (2001-11-06)
- D4: US-B1-6 411 253 (COX LLOYD C ET AL) 25 June 2002 (2002-06-25)

2. Document D1 shows the following features of claim 1 (the references in parentheses applying to this document):

- a method for managing a memory in a video processing device (Figs. 1-2) comprising
- disabling a first memory and a second memory (e.g. 430-433);
- switching an output from said first memory to said second memory (e.g. via LMSEL0..1..2 in Fig. 7, and H\_LHLD, PD, H\_OPLD in Fig. 6) in response to a portion of a video signal (see col. 4, lines 19-24); and
- enabling said first memory and said second memory (see above) .

Various further interpretations are possible due to the broad scope of the claim. Thus, the features of claim 1 are completely anticipated.

Thus, the subject-matter of claim 1 is not novel contrary to Article 33(2) PCT.

3. The subject-matter of independent claims 8 and 13 differs therefrom only in that the memory managing relates to memories storing filter coefficients. This is however also known from D1, see the above identified passages, or at least rendered obvious.

Thus, the subject-matter of claims 8 and 13 does not involve an inventive step and

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does not satisfy the criterion set forth in Article 33(3) PCT.

4. Dependent claims 2-7 and 9-12, 14-19 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of novelty and/or inventive step, the reasons being as follows:

Insofar as the features of these dependent claims have not already been employed for the same purpose in similar methods, see document D1-D4, they all appear to relate to normal options a skilled-person could apply in the course of a routine design procedure without the exercise of inventive skills.